

WEST Search History

DATE: Tuesday, September 14, 2004

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L46	5319309	7
<input type="checkbox"/>	L45	554584	22
<input type="checkbox"/>	L44	0554584	5
<input type="checkbox"/>	L43	1205760	9
<input type="checkbox"/>	L42	1025760	17
<input type="checkbox"/>	L41	L40 and ((extend\$4 or increas\$4 or larger or enlarging or expand\$4) with (field-of-view or "field of view" or fov or roi or voi or ((region or volume) with (interest or investigation)))))	8
<input type="checkbox"/>	L40	L39 and ((adjust\$4 or control\$4 or variable or vary or varying or varied or alter\$4 or chang\$4 or modify or modifi\$4) with (frequency or phase))	11
<input type="checkbox"/>	L39	L29 and (parallel with direction with imag\$4)	11
<input type="checkbox"/>	L38	L29 and (((parallel) with (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4)) with (patient or object or subject or sample or target))	10
<input type="checkbox"/>	L37	L34 and (((parallel) with (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4)) with (patient or object or subject or sample or target))	5
<input type="checkbox"/>	L36	L35 and (((parallel) with (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4)) with (patient or object or subject or sample or target))	5
<input type="checkbox"/>	L35	L34 and (axis or axial\$2 or "z")	15
<input type="checkbox"/>	L34	L33 and ((adjust\$4 or control\$4 or variable or vary or varying or varied or alter\$4 or chang\$4 or modify or modifi\$4) with (frequency or phase))	16
<input type="checkbox"/>	L33	L32 and (adjust\$4 or control\$4 or variable or vary or varying or varied or alter\$4 or chang\$4 or modify or modifi\$4)	16
<input type="checkbox"/>	L32	L31 and ((extend\$4 or increas\$4 or larger or enlarging or expand\$4) with (field-of-view or "field of view" or fov or roi or voi or ((region or volume) with (interest or investigation)))))	16
<input type="checkbox"/>	L31	L30 and l29	38
<input type="checkbox"/>	L30	L28 and (extend\$4 or increas\$4 or larger or enlarging or expand\$4)	38
<input type="checkbox"/>	L29	L28 and (imag\$4 with (patient or object or subject or sample or target))	39
<input type="checkbox"/>	L28	L27 and ((frequency or phase or slice or slab or gradient) with encod\$4)	39
<input type="checkbox"/>	L27	L26 and (field-of-view or "field of view" or fov or roi or voi or ((region or volume) with (interest or investigation))))	42

<input type="checkbox"/>	L26	L25 and (central\$2 or combin\$4 or combination\$4 or composite or center\$3 or add or adding or added or summing or sumed or sum or summation or integrat\$3)	86
<input type="checkbox"/>	L25	L24 and ("sub" or sub-image or ((partial\$2 or portion or part) with (imag\$4)))	86
<input type="checkbox"/>	L24	L23 and (encod\$4)	98
<input type="checkbox"/>	L23	L22 and ((slab or slice or volume or plane) with (array or plurality or multiple or group or "more than one" or "multi"))	150
<input type="checkbox"/>	L22	L21 and (slab or slice or volume or plane)	258
<input type="checkbox"/>	L21	L20 and (array or plurality or multiple or group or "more than one" or "multi")	260
<input type="checkbox"/>	L20	L19 and (mount\$4 or fix\$3 or afix\$3 or secur\$3 or attach\$3 or stationary or moveable or fixture)	273
<input type="checkbox"/>	L19	L18 and (static or constant or uniform\$4 or homogeneity or homogenous or main)	309
<input type="checkbox"/>	L18	L17 and (radiofrequency or radio-frequency or RF or "radio frequency")	320
<input type="checkbox"/>	L17	L16 and (gradient)	513
<input type="checkbox"/>	L16	L8 and ((position\$4 or orient\$4 or locat\$4 or orientation or direction) with (image or parallel))	1481
<input type="checkbox"/>	L15	L14 and (slab or slice or volume or plane)	194
<input type="checkbox"/>	L14	L13 and (array or plurality or multiple or group or "more than one" or "multi")	195
<input type="checkbox"/>	L13	L12 and (mount\$4 or fix\$3 or afix\$3 or secur\$3 or attach\$3 or stationary or moveable or fixture)	203
<input type="checkbox"/>	L12	L11 and (static or constant or uniform\$4 or homogeneity or homogenous or main)	232
<input type="checkbox"/>	L11	L10 and (radiofrequency or radio-frequency or RF or "radio frequency")	239
<input type="checkbox"/>	L10	L9 and (gradient)	345
<input type="checkbox"/>	L9	L8 and ((position\$4 or orient\$4 or locat\$4 or orientation or direction) with (image or parallal))	940
<input type="checkbox"/>	L8	L7 and (detect\$4 or sens\$4 or receiv\$4 or reception)	1816
<input type="checkbox"/>	L7	L6 and ((parallel) with (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4))	1968
<input type="checkbox"/>	L6	L5 and (parallel)	18330
<input type="checkbox"/>	L5	L4 and (position\$4 or orient\$4 or locat\$4 or orientation)	57237
<input type="checkbox"/>	L4	L3 and (patient or object or subject or sample or target)	73711
<input type="checkbox"/>	L3	L1 and (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4)	81769
<input type="checkbox"/>	L2	L1 and (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan)	75934
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	187002

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 16 of 16 returned.

☐ 1. Document ID: US 20040155654 A1

Using default format because multiple data bases are involved.

L32: Entry 1 of 16

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155654

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040155654 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean Helen	Menlo Park	CA	US	

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KUMC	Draw. De
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☐ 2. Document ID: US 20040152969 A1

L32: Entry 2 of 16

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152969

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152969 A1

TITLE: Method and magnetic resonance apparatus for calibrating coil sensitivities

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Qiang	Chicago	IL	US	
Wang, Jianmin	Shenzhen	IL	CN	
Simonetti, Orlando	Chicago	IL	US	
Laub, Gerhard	Chicago		US	
Kiefer, Berthold	Erlangen		DE	

US-CL-CURRENT: 600/422; 324/307, 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040070394 A1

L32: Entry 3 of 16

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070394

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040070394 A1

TITLE: Parallel mr imaging using high-precision coil sensitivity map

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gonzalez Ballester, Miguel Angel	Nice		FR	
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20040051529 A1

L32: Entry 4 of 16

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20030139660 A1

L32: Entry 5 of 16

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030139660
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030139660 A1

TITLE: Magnetic resonance imaging using technique of positioning multi-slabs to be imaged

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tatebayashi, Isao	Utsunomiya-shi		JP	
Takabayashi, Naoyuki	Otawara-Shi		JP	
Furudate, Naoyuki	Otawara-Shi		JP	

US-CL-CURRENT: 600/407

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 20030100825 A1

L32: Entry 6 of 16

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100825
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030100825 A1

TITLE: METHOD AND SYSTEM FOR EXTENDED VOLUME IMAGING USING MRI

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Demoulin, Charles Lucian	Ballston Lake	NY	US	
Zhu, Yudong	Clifton Park	NY	US	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 20030011369 A1

L32: Entry 7 of 16

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030011369
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030011369 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean H.	Palo Alto	CA	US	
Pauly, John M.	Redwood City	CA	US	

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 8. Document ID: US 20020180439 A1

L32: Entry 8 of 16

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180439

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020180439 A1

TITLE: Apparatus for magnetic resonance imaging having a planar strip array antenna including systems and methods related thereto

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lee, Ray F.	Clifton-Park	NY	US	

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 9. Document ID: US 20020140423 A1

L32: Entry 9 of 16

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020140423

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020140423 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean Helen	Menlo Park	CA	US	

US-CL-CURRENT: 324/301; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 10. Document ID: US 20010043068 A1

L32: Entry 10 of 16

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010043068
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010043068 A1

TITLE: Method for parallel spatial encoded MRI and apparatus, systems and other
methods related thereto

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lee, Ray F.	Clifton-Park	NY	US	

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 11. Document ID: US 6771070 B2

L32: Entry 11 of 16

File: USPT

Aug 3, 2004

US-PAT-NO: 6771070
DOCUMENT-IDENTIFIER: US 6771070 B2

TITLE: Apparatus for magnetic resonance imaging having a planar strip array antenna
including systems and methods related thereto

DATE-ISSUED: August 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Ray F	Clifton-Park	NY		

US-CL-CURRENT: 324/318; 343/700MS

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 12. Document ID: US 6704594 B1

L32: Entry 12 of 16

File: USPT

Mar 9, 2004

US-PAT-NO: 6704594
DOCUMENT-IDENTIFIER: US 6704594 B1

TITLE: Magnetic resonance imaging device

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blank; Aharon	Kiriat Ono			IL
Alexandrowicz; Gil	Jerusalem			IL
Golan; Erez	Tel Aviv			IL

US-CL-CURRENT: 600/423; 128/899, 324/318, 324/322, 600/407, 600/409, 600/410,
600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 13. Document ID: US 6584337 B2

L32: Entry 13 of 16

File: USPT

Jun 24, 2003

US-PAT-NO: 6584337

DOCUMENT-IDENTIFIER: US 6584337 B2

TITLE: Method and system for extended volume imaging using MRI

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	Ballston Lake	NY		
Zhu; Yudong	Clifton Park	NY		

US-CL-CURRENT: 600/410; 324/309, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 14. Document ID: US 6476606 B2

L32: Entry 14 of 16

File: USPT

Nov 5, 2002

US-PAT-NO: 6476606

DOCUMENT-IDENTIFIER: US 6476606 B2

TITLE: Method for parallel spatial encoded MRI and apparatus, systems and other methods related thereto

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Ray F	Clifton-Park	NY		

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 15. Document ID: US 5910728 A

L32: Entry 15 of 16

File: USPT

Jun 8, 1999

US-PAT-NO: 5910728

DOCUMENT-IDENTIFIER: US 5910728 A

TITLE: Simultaneous acquisition of spatial harmonics (SMASH): ultra-fast imaging with radiofrequency coil arrays

DATE-ISSUED: June 8, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sodickson; Daniel Kevin	Cambridge	MA		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 16. Document ID: US 4609872 A

L32: Entry 16 of 16

File: USPT

Sep 2, 1986

US-PAT-NO: 4609872

DOCUMENT-IDENTIFIER: US 4609872 A

TITLE: NMR multiple-echo phase-contrast blood flow imaging

DATE-ISSUED: September 2, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Donnell; Matthew	Schenectady	NY		

US-CL-CURRENT: 324/306; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Term	Documents
LARGER	2026427
LARGERS	54

ENLARGING	77432
ENLARGINGS	2
FIELD-OF-VIEW	3879
FIELD-OF-VIEWS	77
"FIELD OF VIEW"	0
FOV	5464
FOVS	339
ROI	45125
ROIS	1730
(L31 AND ((EXTEND\$4 OR INCREAS\$4 OR LARGER OR ENLARGING OR EXPAND\$4) WITH (FIELD-OF-VIEW OR "FIELD OF VIEW" OR FOV OR ROI OR VOI OR ((REGION OR VOLUME) WITH (INTEREST OR INVESTIGATION)))))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	16

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040152969 A1

Using default format because multiple data bases are involved.

L37: Entry 1 of 5

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152969

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152969 A1

TITLE: Method and magnetic resonance apparatus for calibrating coil sensitivities

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Qiang	Chicago	IL	US	
Wang, Jianmin	Shenzhen	IL	CN	
Simonetti, Orlando	Chicago	IL	US	
Laub, Gerhard	Chicago		US	
Kiefer, Berthold	Erlangen		DE	

US-CL-CURRENT: 600/422; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20040070394 A1

L37: Entry 2 of 5

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070394

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040070394 A1

TITLE: Parallel mr imaging using high-precision coil sensitivity map

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gonzalez Ballester, Miguel Angel	Nice		FR	
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 3. Document ID: US 20040051529 A1

L37: Entry 3 of 5

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 4. Document ID: US 20030100825 A1

L37: Entry 4 of 5

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100825
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030100825 A1

TITLE: METHOD AND SYSTEM FOR EXTENDED VOLUME IMAGING USING MRI

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Demoulin, Charles Lucian	Ballston Lake	NY	US	
Zhu, Yudong	Clifton Park	NY	US	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 5. Document ID: US 6584337 B2

L37: Entry 5 of 5

File: USPT

Jun 24, 2003

US-PAT-NO: 6584337

DOCUMENT-IDENTIFIER: US 6584337 B2

TITLE: Method and system for extended volume imaging using MRI

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	Ballston Lake	NY		
Zhu; Yudong	Clifton Park	NY		

US-CL-CURRENT: 600/410; 324/309, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
PARALLEL	3107952
PARALLELS	16606
MOTION	1135751
MOTIONS	96549
MOVEMENT	2924632
MOVEMENTS	416519
MOVING	2218731
MOVINGS	100
MOVED	2240426
MOVEDS	7
MOVE	2400370
(L34 AND (((PARALLEL) WITH (MOTION OR MOVEMENT OR MOVING OR MOVED OR MOVE OR PROCEEDS OR PROCEEDING OR TRAVERSING OR SCANNING OR SCANED OR SCAN OR TRANSLAT\$4)) WITH (PATIENT OR OBJECT OR SUBJECT OR SAMPLE OR TARGET))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20040152969 A1

Using default format because multiple data bases are involved.

L38: Entry 1 of 10

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152969

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152969 A1

TITLE: Method and magnetic resonance apparatus for calibrating coil sensitivities

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Qiang	Chicago	IL	US	
Wang, Jianmin	Shenzhen	IL	CN	
Simonetti, Orlando	Chicago	IL	US	
Laub, Gerhard	Chicago		US	
Kiefer, Berthold	Erlangen		DE	

US-CL-CURRENT: 600/422; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	CMC	Draw D
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☐ 2. Document ID: US 20040070394 A1

L38: Entry 2 of 10

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070394

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040070394 A1

TITLE: Parallel mr imaging using high-precision coil sensitivity map

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gonzalez Ballester, Miguel Angel	Nice		FR	
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20040051529 A1

L38: Entry 3 of 10

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20030100825 A1

L38: Entry 4 of 10

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100825

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100825 A1

TITLE: METHOD AND SYSTEM FOR EXTENDED VOLUME IMAGING USING MRI

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dumoulin, Charles Lucian	Ballston Lake	NY	US	
Zhu, Yudong	Clifton Park	NY	US	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 20020118373 A1

L38: Entry 5 of 10

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020118373
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020118373 A1

TITLE: Method for detecting movement of a sample primarily for use in magnetic resonance imaging of the sample

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Eviatar, Hadass	Winnipeg		CA	
Schattka, Bernhard J.	Winnipeg		CA	
Alexander, Murray Ellis	Winnipeg		CA	
Sharp, Jonathan Curnow	Winnipeg		CA	
Roshick, Jeremy Joseph	Winnipeg Beach		CA	
Summers, Arthur Randolph	Winnipeg		CA	

US-CL-CURRENT: 356/614

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw De
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☐ 6. Document ID: US 20020115929 A1

L38: Entry 6 of 10

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115929
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020115929 A1

TITLE: Magnetic resonance imaging for a plurality of selective regions set to object continuously moved

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw De
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☐ 7. Document ID: US 6584337 B2

L38: Entry 7 of 10

File: USPT

Jun 24, 2003

US-PAT-NO: 6584337
DOCUMENT-IDENTIFIER: US 6584337 B2

TITLE: Method and system for extended volume imaging using MRI

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	Ballston Lake	NY		
Zhu; Yudong	Clifton Park	NY		

US-CL-CURRENT: 600/410; 324/309, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 6477398 B1

L38: Entry 8 of 10

File: USPT

Nov 5, 2002

US-PAT-NO: 6477398

DOCUMENT-IDENTIFIER: US 6477398 B1

TITLE: Resonant magnetic susceptibility imaging (ReMSI)

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mills; Randell L.	Yardley	PA	19067	

US-CL-CURRENT: 600/409; 324/201, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 9. Document ID: US 4871966 A

L38: Entry 9 of 10

File: USPT

Oct 3, 1989

US-PAT-NO: 4871966

DOCUMENT-IDENTIFIER: US 4871966 A

**** See image for Certificate of Correction ****

TITLE: Apparatus and method for multiple angle oblique magnetic resonance imaging

DATE-ISSUED: October 3, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith; Stanton D.	Bellport	NY		
Hertz; David	Dix Hills	NY		
Wolf; Robert B.	Medford	NY		
Olsen; Robert H.	Bethpage	NY		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 10. Document ID: US 4737921 A

L38: Entry 10 of 10

File: USPT

Apr 12, 1988

US-PAT-NO: 4737921

DOCUMENT-IDENTIFIER: US 4737921 A

**** See image for Certificate of Correction ****

TITLE: Three dimensional medical image display system

DATE-ISSUED: April 12, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goldwasser; Samuel M.	Bala Cynwyd	PA		
Talton; David A.	Philadelphia	PA		
Reynolds; R. Anthony	Philadelphia	PA		
Bapty; Theodore A.	Philadelphia	PA		

US-CL-CURRENT: 345/421; 345/419, 345/426, 345/502, 345/545, 345/629

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 1. Document ID: US 20040155654 A1

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L41: Entry 1 of 8

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155654
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040155654 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean Helen	Menlo Park	CA	US	

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20040051529 A1

L41: Entry 2 of 8

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 3. Document ID: US 20030139660 A1

L41: Entry 3 of 8

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030139660
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030139660 A1

TITLE: Magnetic resonance imaging using technique of positioning multi-slabs to be imaged

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tatebayashi, Isao	Utsunomiya-shi		JP	
Takabayashi, Naoyuki	Otawara-Shi		JP	
Furudate, Naoyuki	Otawara-Shi		JP	

US-CL-CURRENT: 600/407

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draws De
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☐ 4. Document ID: US 20030100825 A1

L41: Entry 4 of 8

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100825
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030100825 A1

TITLE: METHOD AND SYSTEM FOR EXTENDED VOLUME IMAGING USING MRI

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Demoulin, Charles Lucian	Ballston Lake	NY	US	
Zhu, Yudong	Clifton Park	NY	US	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draws De
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☐ 5. Document ID: US 20030011369 A1

L41: Entry 5 of 8

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030011369

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030011369 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean H.	Palo Alto	CA	US	
Pauly, John M.	Redwood City	CA	US	

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 6. Document ID: US 20020140423 A1

L41: Entry 6 of 8

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020140423
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020140423 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean Helen	Menlo Park	CA	US	

US-CL-CURRENT: 324/301; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 7. Document ID: US 6584337 B2

L41: Entry 7 of 8

File: USPT

Jun 24, 2003

US-PAT-NO: 6584337
DOCUMENT-IDENTIFIER: US 6584337 B2

TITLE: Method and system for extended volume imaging using MRI

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	Ballston Lake	NY		

Zhu; Yudong

Clifton Park

NY

US-CL-CURRENT: 600/410; 324/309, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMIC	Draw De
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☐ 8. Document ID: US 4609872 A

L41: Entry 8 of 8

File: USPT

Sep 2, 1986

US-PAT-NO: 4609872

DOCUMENT-IDENTIFIER: US 4609872 A

TITLE: NMR multiple-echo phase-contrast blood flow imaging

DATE-ISSUED: September 2, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Donnell; Matthew	Schenectady	NY		

US-CL-CURRENT: 324/306; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference		
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